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Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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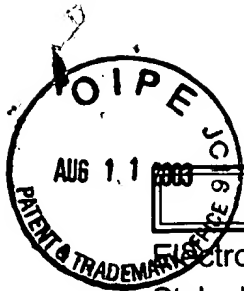
EFS ID: 45224  
Application ID: 09459260  
Title of Invention: Middleware for Business Transactions  
First Named Inventor: Edward Margoscin  
Domestic/Foreign Application: Domestic Application  
Filing Date: 1999-12-10  
Effective Receipt Date: 2003-08-11  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 9934  
Attorney Docket Number: 5053-30700




Total Fees Authorized:

Digital Certificate Holder: cn=Eric B. Meyertons,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
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**TRANSMITTAL**

Electronic Version v1.1  
Stylesheet Version v1.1.0

| <b>Title of<br/>Invention</b>  | Middleware for Business Transactions |                |                           |             |                |  |                   |            |  |            |
|--|--------------------------------------|----------------|---------------------------|-------------|----------------|--|-------------------|------------|--|------------|
| <p>Application Number: 09/459260 </p> <p>Date: 1999-12-10</p> <p>First Named Applicant: Edward Margoscin</p> <p>Confirmation Number: 9934</p> <p>Attorney Docket Number: 5053-30700</p>  |                                      |                |                           |             |                |  |                   |            |  |            |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> |                                      |                |                           |             |                |  |                   |            |  |            |
| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Eric B. Meyertons<br/>Registered Number: 34,876</td><td>Eric B. Meyertons</td><td>Attorney</td></tr></tbody></table>   |                                      |                | Submitted by:             | Elec. Sign. | Sign. Capacity | Eric B. Meyertons<br>Registered Number: 34,876 | Eric B. Meyertons | Attorney   |  |            |
| Submitted by:  | Elec. Sign.                          | Sign. Capacity |                           |             |                |  |                   |            |  |            |
| Eric B. Meyertons<br>Registered Number: 34,876   | Eric B. Meyertons                    | Attorney       |                           |             |                |  |                   |            |  |            |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>CSC_IDS2_30700_keep-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>  |                                      |                | Documents being submitted | Files       | us-ids         | CSC_IDS2_30700_keep-usidst.xml                 |                   | us-ids.dtd |  | us-ids.xsl |
| Documents being submitted  | Files                                |                |                           |             |                |  |                   |            |  |            |
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|  | us-ids.xsl                           |                |                           |             |                |  |                   |            |  |            |
| <p>Comments</p> <p style="text-align: right;"><b>RECEIVED</b><br/>AUG 15 2003<br/><b>GROUP 3600</b></p>  |                                      |                |                           |             |                |  |                   |            |  |            |